Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_

**Notes Questions for the Unit 13, Part 2 Notes: Timing and Coordination**

AP Biology, Written by Ms. Glick

**Vocabulary:** The following terms have been chosen for you from the Part 1 Notes. Define each term in the set and identify a connection between the two terms in the set.

1. Terms: phototropism and Photoperiodism

Definitions and Connection:

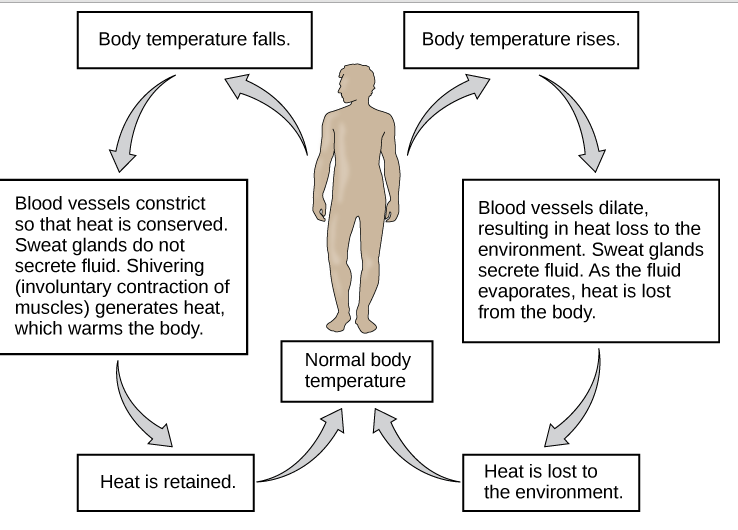
2.Terms: proximate cause and ultimate cause

Definitions and Connection:

3.Terms: Innate behaviors and Learned behaviors

Definitions and Connection:

1. The respiratory system and circulatory system work together to deliver oxygen to the tissues of the body and remove carbon dioxide from the tissues of the body. Gas exchange between the lungs and the blood vessels occurs at the alveoli, small sacs within the lungs that are covered in a network of capillaries (small blood vessels). Explain how an increase in surface area of the alveoli would affect this system.
2. Explain the role of auxin in phototropism.



1. Using the diagram to the right, explain how the body responds to a decrease in body temperature.
2. What is a Fixed Action Pattern? Provide an example.